

Serial No. 08/994,531
Docket No. BS116/172908

communications system both coupled to a telecommunications system, the device having a plurality of ports each for receiving one of a plurality of signals, comprising:

a. an input selector coupled to the plurality of ports and adapted for switching signals arriving at the plurality of ports according to a subscriber selection;

b. a plurality of receivers coupled to the input selector each for receiving a selected signal switched by the selector, the plurality of receivers including:

i. a tuner for receiving digital RF transmissions in the UHF band; and

ii. a tuner for receiving analog RF signals; and

c. a video decoder coupled to the digital tuner;

d. signal generation means coupled to the video decoder;

e. an input device for subscriber information input;

f. a processor coupled to the input selector and the video decoder adapted for reading subscriber input information and actuating the input selector to effect subscriber requests; and

g. a network interface coupled to the processor and to the telecommunications system for transmitting subscriber messages to the asymmetrical data communications system.

1 ¹⁹
20 36. (Newly Added) The device of claim 35, wherein the plurality of receivers further
2 comprises a DBS tuner coupled to the input selector.

1 ²¹
37. (Newly Added) The device of claim 35, wherein the plurality of receivers further
2 comprises an MMDS tuner coupled to the input selector.

1 ²²
38. (Newly Added) The device of claim 35, wherein the plurality of receivers further
2 comprises an LMDS tuner coupled to the input selector.

B1
Cont.
1 ²³
39. (Newly Added) The device of claim 36, wherein the plurality of receivers further
2 comprises an MMDS tuner coupled to the input selector.

1 ²⁴
40. (Newly Added) The device of claim 36, wherein the plurality of receivers further
2 comprises an LMDS tuner coupled to the input selector.

1 ²⁵
41. (Newly Added) The device of claim 37, wherein the plurality of receivers further
2 comprises an LMDS tuner coupled to the input selector.

23

1 24 42. (Newly Added) The device of claim 39, wherein the plurality of receivers further
2 comprises an LMDS tuner coupled to the input selector.

19

1 27 43. (Newly Added) The device of claim 35 further comprising a secure processor
2 subsystem coupled to the analog tuner for descrambling analog input signals that require
3 descrambling.

27

1 28 44. (Newly Added) The device of claim 43 further comprising an EIA-563 baseband
2 interface coupled to the secure processor subsystem.

B1
Out.

1 29 45. (Newly Added) A method for providing asymmetric data communications
2 services, comprising the steps of:

- 3 a. receiving signals from a plurality of content providers;
- 4 b. digitizing the signals from the plurality of content providers;
- 5 c. multiplexing the signals from the plurality of content providers into at least
6 one data stream;
- 7 d. modulating the at least one multiplexed, digital data stream;
- 8 e. channelizing the at least one modulated, multiplexed digital data stream into at
9 least one digital RF signal;

4

65